FREIGHT PROJECT NOMINATIONS

CALTRANS APPROACH

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TODAY'S DISCUSSION

What are California's Top Priorities?

Key Freight Projects

Freight Funding Programs

- Infrastructure for Rebuilding America (INFRA)
- Trade Corridor Enhancement Program (TCEP)

What Type of Projects Should the State put Forward?



WHAT ARE CALIFORNIA'S FREIGHT PRIORITIES?

Plans

California Transportation Plan (CTP)

California Freight Mobility Plan (CFMP)

California Sustainable Freight Action Plan (CSFAP)

California State Rail Plan

California Interregional

Transportation Strategic Plan

Regional Transportation Plans

Regional Freight Studies

Caltrans Plans

California Vision

Principles

Goals

Objectives

Strategies

Project Prioritization

Project Criteria

Freight Data

Stakeholder and Community Input



CALIFORNIA FREIGHT MOBILITY PLAN (CFMP) GOALS

Economic Competitiveness

• Improve the contribution of the California freight transportation system to economic efficiency, productivity, and competitiveness

Safety and Security

• Improve the safety, security, and resilience of the freight transportation system

Freight System Infrastructure Preservation

• Improve the state of good repair of the freight transportation system

Environmental Stewardship

• Avoid and reduce adverse environmental and community impacts of the freight transportation system

Congestion Relief

• Reduce costs to users by minimizing congestion on the freight transportation system

Innovative Technology and Practices

• Use innovative technology and practices to operate, maintain, and optimize the efficiency of the freight transportation system while reducing its environmental and community impacts



CALIFORNIA SUSTAINABLE FREIGHT ACTION PLAN (CSFAP) 2030 STATEWIDE TARGETS

System Efficiency Target

• Improve freight system efficiency 25 percent

Transition to Zero Emission Technology Target

 Deploy over 100,000 freight vehicles and equipment capable of zero emission operation and maximize near-zero emission freight vehicles and equipment powered by renewable energy

Increased Competitiveness and Economic Growth Targets

• Establish a target(s) for increased State competitiveness and future economic growth within the freight and goods movement industry



FREIGHT PROJECTS

California Freight Mobility Plan (CFMP) Project List (1,000+)

California Sustainable Freight Action Plan (CSFAP) Pilots (3)

Fostering Advancements in Shipping and Transportation for the Long-term Achievement of National Efficiencies (FASTLANE) Applications (50+)

Interregional Transportation Plan Projects - ITIP

Governor Brown's Priorities (Border and Rail Grade Separation)



FASTLANE CYCLE I / FFY 2016

Caltrans led submissions:

- I-80 / I-680 / SR 12 Interchange Project (D4)
- Rosecrans / Marquardt Ave Grade Separation Project (D7)
- SR II Enrico Fermi to Otay Mesa East Point of Entry Improvements Project (DII)



Awarded: SR II Enrico Fermi to Otay Mesa East Point of Entry Improvements Project

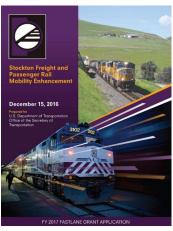
• Grant award: \$49.28 million

34 FASTLANE APPLICATIONS WERE SUBMITTED FROM CALIFORNIA IN CYCLE I



FASTLANE CYCLE II / FFY 2017: CALTRANS LED SUBMISSIONS





America's Global Freight Gateway: Southern California Highway Strategy

- Eastbound SR 57/SR 60 Confluence Freight Bottleneck Project (D7)
- State Route 71 Freeway Conversion Project (D7)
- I-15 Express Lanes Project (D8)
- I-10 Logistics Corridor: I-10 Express Lane/Aux Lane Project (D8)

Tagus 6-Lane Widening Project (D6)

Stockton Freight and Passenger Rail Mobility Enhancement Project (Stockton Wye – D10)



CALIFORNIA SUSTAINABLE FREIGHT ACTION PLAN (CSFAP) PILOT PROJECTS

Advanced
Technology for
Truck Corridors
Southern California

Advanced
Technology
Corridors at Border
Ports of Entry
California-Mexico
Border

Dairy Biomethane for Freight Vehicles San Joaquin Valley



NEW FREIGHT FUNDING PROGRAMS

Federal – Infrastructure For Rebuilding America (INFRA) Grants

Available funds – \$850 million for FY 2017 and \$900 million for FY 2018

State – Trade Corridor Enhancement Program (TCEP)

Available funds – Approximately \$300 million annually

Other:

- SBI Congested Corridors and State and Local Partnerships
- Local Measures



PROJECT CRITERIA

INFRA	TCEP (draft)
 Merit criteria National and regional economic vitality Potential for innovation Safety Environmental review and permitting Project delivery approach Leveraging of federal funding Performance and accountability Additional considerations Geographic diversity among recipients Project readiness 	State and Regional Targets Matching Requirements Screening Criteria Evaluation Criteria Throughput, Velocity, and Reliability Safety Congestion Reduction/Mitigation Bottleneck Relief Multi-Modal Strategy Interregional Benefits Air Quality Impacts Community Impact Mitigation Economic/Jobs Growth Project Readiness Funding Leveraging Innovation

CALTRANS PRIORITIZATION PROCESS

																								Prior	tization/	coring C	iteria						<u></u>		
District	Project Lead	Project Sponsors	Project Mode Type Type Airport, Grade Sep., Hwy, Rail, Seaport, Other	Project Title	Total Project Cost (1000's)	PASTLANE Request (1000'S)	State / Local Match (1000's)	Demonstrates Collaborative Parinership	Project Cost Threshold (Large/Small)	Filted Deleny retrutted IVA	7480 Dit	PASED prefibrament	and/Uten Aea N/U	Nathwy Freight Network (VV) Nathwy System	NN) Hwy / Rai Grade Separation NV M	TP (V/M)	NN) SHOPF(VM)	RIP (VA)	(Myland)	Economic	Angela fide NN King of the section of	Frégit Spten breatrobre	Reading and Environmental	towardship IVM Improve Feight	Erickion to Zero Erickion Bergar	Compatitions Impress safet frience, transport	concerls benefit regionally or crease US gibbal	Educational educations	ingreus fright cde correctiils becommisser	folfalbithan Brefisth	processings in terainal	offe see impacts of population highes impacts of	District Comments	Previously Submitted	Priority Level (1 or 2)
3	Caltrans	Del Norte County	Highway	Del Norte STAA	520,901	512,540	58,363	*	Small	~ = E	4/11/2013	EIR		N Y		v 1	4 V	v	v SHS	- No v	2 3		2	v v	2 .	· 40	w <u>s</u>	. 2	- e a	v v	22	v v	Originally four projects (IDs 01-45490, 01-38110, 01-4500U, 01-47940) listed		3
3.	Caltrans	Caltrans	Highway	Richardson Grove	621,712	511,659	510,053	~	Small	~	11/1/2016	EIR	к	N Y	- 2	2 6	u v	v			N 1		2	· ·	Ν,	٧	٧,	- N	٧	v v	12	· ·	in CPMP.	No	2
2	Caltrans	CT/SRTA/COA/COR /Shasta County	Strade/HWW/Rall	Redding to Anderson Sis- Lane (RASL)	\$102,604	\$55K,76G	\$29,946	yes	Large	*	3/8/2013	ND/CE	к		, ,	* .		*	¥ Tie	v 2 v			*	* *		*	. ,		*	* *	٠		otal project costs includes \$3,888,000 of STF and Local Funds already spent for project development but is not eligible as matching funds and Matching funds included the state of the matching funds is scheduled as BHOPP funds but has not leave projections and spent of the matching funds to scheduled as BHOPP funds but has not leave projections properties for the second spent of the s	Yes	3
a	Caltrans	Caltrans/SCTA	Highway	Marin-Sonoma Narrows, Extend HOV from Gunn Drive to north of Corona Road. (PM SON-101 0.9/7.1)	\$180,600	\$129,000	\$53,600	yes	Large	¥	7/1/2009	шк	U		, 2	v 10	2 22	v	v Tie	v			*	• •	v ,	٧			*		٠				3.
а	Caltrans	Caltrans, MTC	Highway	I-80/I-880/SR 12 Interchange Project – Construction Packages 3 and 3	\$207,000	\$124,000	83000 (no match)	Yes	Large	*	12/7/2012	ms	u		. 2	* .		~	v Tie	v 1 v			*	• •		٧	٠,		*		*		Project nomination pulled for lack of local match	Yes	а
4	Alameda CTC	Alameda CTC	Rail, Grade Separation	Global Operations at the Port of Oakland / 7th Street Grade Separation Project	\$210,000	\$50,000 - \$80,000	\$140,000 - \$160,000	Ves	Large	*	12/1/2017	EIR	U	N N		v 1	u N	~	v Non	SHS V			*		2	*	v .		*	N Y	2	· ·	Caltrans considering becoming a Partnering Agency on project grant application (NOPO C.3.v. Application Limit)	Yes	z
	Caltrans	Caltrans, SBCAG	Hwy	US 101 Corridor Improvements	\$490,000	\$40,000	\$17,300	*	Large	~	8/14/16	EIR/EA	u	N Y		v 6		~	Y Tie	- 3 Y	· ·		٧	v v	· ·	٧	٧ ١		٧	v v	٧	· ·			3
6	Caltrans	MCTC	Hwy	Mad 6-Lane Widening (EA 06-47090 - PPNO 5335)	\$67,136	\$87,282	\$29,884	Route 99 Business Plan, a collaborative effort between the eight valley MPOs and Caltrans	Large	*	8/14/2015	ND/CE	к		, 2			*	v Tie	* 1 ×	*			*	3	*	* >	: ×		×	*	*		*	2
6	Caltrans	Caltrans, Tul COG	Hwy	Tagus 6-Lane Widening (EA 06-36024 - PPNO 6400D)	891,411	\$48,000	\$30,000	Route 99 Business Plan, a collaborative effort between the eight valley MPOs and Caltrans	Large	٠	2/25/2009	IS with Mitigated NO/EA PONSI	40%K/ 60%U		. 2		, N	*	v Tie	* 1 ×	×			×	,	×	* 3	: ×		×	×	×		×	3.
7	Caltrans	LA Metro	Heavy.	San Galeriel Valley Capstone - Easthmund SR-57/SR-60 Confluence Freight Bottlenesh Project (Phase 3) and SR 71 Expressway to	\$400,000	580,000	6320,000	*	Large	*	5/31/2013 12/31/2013	EIR/PONSI	u		, 2	٧ ٨		~	v Tie	v 1 v			2	v ×	1	*	*	· ×	*	× ×		×	Previously two separate projects. The 57/60 confluence and SR 73. SCAG wants to combine it with the I-30 Legistics Corridor project.		1
7	Caltrans Port of Long	LA Metro	Hwy.	Freeway Conversion Project i-5 HOV and Truck Lanes (Phase 2) Terminal Island Wye Bail	\$560,000	\$50,000	\$510,000	v	Large	v	10/4/2013	EIR/FONSI	u	v v	· N	v	2	٧	v Tie		V V	· •	N	N ×		×	×				×	×			2
7	Beach Port of Los	LA Metro	Seaport/Sail	Imenivements West Basin - Alameda	\$27,000 \$9,000	516,200 55.400	\$9,300 \$3,600	· ·	Small	· ·	7/9/2014	EIS/EIR EIS/EIR	U	N N	2 0	v .	4 N	2 2	v Non	SHS V	· ·	, v	N N	v ×		×	× ×		×	×		×			3 4
7	Alameda Corridor-East Construction	LA Metro	Grade Sep.	Durfee Ave. Grade Sep.	576,383	\$15,000	563,383	v	Small	·	7/31/2014	CE	u	N N		2 6		~	v Nor	_	v 6		-	v ×		×	× 3	× ×	×	×		×			
*	Caltrans D8	Caltrans	Hwy and Rail Grade Separation	State Route SR Kramer Gap Clesure	5229,017	8.80,000	\$28,148	Stake holders- Edwards AFB, SANBAG, BLM, BNSF Sailread	Large	Ves, legioni ng of 2018.	7/1/2014 100%	па/па	п				, N	~	N Tie	v				· ·	N 1		· ·		~		~	· ·			3
ж	SANBAG (Caltrans co- sponsor)	SANBAG	Hwy	Interstate 10 Logistics Corridor (Espress Larre/Ausiliary Larre)	\$616,400	535,000	\$373,700	Stake holders: Caltrans/SANBAG/FH WA	Large	Ves, begin 3/1/201	9/1/2017	DS/DS	u		, 2		, N	v	v Tie	- 1 v	· ·		~	v v	N 1	v	٧ ،		~	v v	~				2
10	Calirans	Calirans	Highway	Livingston Median Widening Project	\$87,700	\$34,620	\$23,08 0	*	Large	¥.	6/2/2014	Initial Study w/ Mitigated Negative Declaration/ Environment al Ascessment with Finding of No Significant Impact	к		, N		, ,	v	N N	/A ¥	v 1	u 24	·	* *	N	·	v,		v		¥		Total costs, represents Corestration Following and PISE have already been R/MA, and PISE have already been resident in MeSEP type week resident that could be funded by Steller resident that could be funded by Steller resident that could be funded by Steller residents to be check with Been Band This is contingent on the Local This is contingent on the Local J/MA/S. Note Project not an the CPAP list as it was besterows to the CPAP list as it was besterows to be CPAP list as it	Yes (BANBAG)	3
11	Caltrans	SANDAG	Highway	HOV Extension from Manchester Avenue to State Route 78	5378	ŝeo	हो जनस	VES	Large	·	1/15/2016	EIM/S	Urlaan	* *	, 2	* .	. 2	¥	Y Tie	v1 v	v .	2 2	2	* *	20	*	٠,		*	* *	٠			27	
12	Orange county Transportation Authority (OCTA)	Orange county Transportation Authority (OCTA) & Caltrans	Highway/Arterial Capacity Improvements	I-405 FROM SR-73 TO I-605 ADD 1 MF LANE EACH DIR AND PROVIDE ADDITIONAL CAPITAL IMPROVEMENTS, CHOT. ADD 1 ADDITIONAL HOT. ADD 1 ADDITIONAL HOT LANE EACH DIRECTION	\$1,900,000,000	\$22,000 \$	\$1,746,000	VES	Large	·	6/1/15	EIR/S	Ü		, 2	2	2 2	·	N Tie	v1 v	y 10	2	*	2 *	2	٠			·	* *	٠				3.

HIGH PRIORITY FREIGHT PROJECTS

FASTLANE and Highway **Projects**

- America's Global Freight Gateway: Southern California Highway Strategy
 - a. Eastbound State Route (SR) 57/SR-60 Confluence Freight **Bottleneck**
 - b. SR-71 Freeway Conversion
 - c. Interstate (I) 15 Express Lanes
 - d. I-10 Logistics Corridor: I-10 Express Lane/Auxiliary Lane
- I-80/I-680/SR-12 Interchange 2.
- Rosecrans/Marquardt Avenue (City of Santa Fe Springs)
- Stockton Freight and Passenger Rail Mobility Enhancement
- SR-99 Tagus 6-Lane Widening
- 6. SR-99 Madera 6-Lane Widening

California Sustainable Freight Action Border Freight Projects Plan - Pilot Projects

- Advanced Technology for Truck Corridors
 - Phase I by 2020 (I-710)
 - **Intelligent Transportation** System/Connected Vehicle
 - **Active Transportation** Management/Integrated **Corridor Management**
 - Freight Advanced Traveler Information System (FRATIS) expansion
 - Near-Zero Emission/Zero **Emission Drayage Truck Pilots**
 - **Early Action Projects**
 - Phase II by 2025 (I-110)
 - Phase III by 2030 (SR-60)
- Advanced Technology Corridors at Border Ports of Entry

- SR-11 Segment 2A and 2B
- Otay Mesa East Port of Entry -Segment 3
- Siempre Viva Interchange and Commercial Vehicle Enforcement Facility - Segment 2B
- Intelligent Transportation System Technology (ITST) (Proposed CSFAP Pilot Project)
- Calexico East Port of Entry Truck **Crossing Improvement**
- **SR-98 Improvements**

Grade Separation Projects

- Renfro/Jenkins Roads/Reina (County of Kern)
- 2. Durfee Avenue in Pico Rivera (Alameda Corridor – East Construction)
 - Rosecrans/Marguardt Avenue (City of Santa Fe Springs) (FASTLANE cycle 1 application submitted)
- Kratzmeyer Road (City of Bakersfield)
- Morning Drive (Kern Council of Governments)
- Central Avenue (City of Newark)



FASTLANE AND HIGHWAY PROJECTS

District	County	City	Route	Project Name
7	LA	Diamond Bar	SR-57 SR-60	America's Global Freight Gateway Phase A1 - LA County Freight Triangle: SR-57/60 Confluence
7	LA	Diamond Bar	SR-71	America's Global Freight Gateway Phase A2 - LA County Freight Triangle: SR-71 Freeway Conversion
8	SBD	N/A	I-10	America's Global Freight Gateway Phase B - San Bernardino County I- 10 Logistics Corridor
8	RIV	N/A	I-15	America's Global Freight Gateway Phase C - Riverside County I-15 Express Lanes
10	SJ	Stockton	N/A	Stockton Freight and Passenger Rail Mobility Enhancement Project (Stockton Wye)
6	TUL	Tagus	SR-99	Tagus 6-Lane Widening (EA 06-36024 - PPNO 6400D)
7	LA	Los Angeles	Off System	Rosecrans/Marquardt Avenue (City of Santa Fe Springs)
6	MAD	Madera	SR-99	Mad 6-Lane Widening (EA 06-47090 - PPNO 5335)
4	SOL	Fairfield	I-80, I-680 SR-12	I-80/I-680/SR 12 Interchange Project – Packages 2 and 3



CALIFORNIA SUSTAINABLE FREIGHT ACTION PLAN (CSFAP) PILOT PROJECTS

District	County	City	Route	Project Name
11	SD	San Diego	SR-11 SR-125 SR-905	Advanced Technology Corridors at Border Ports of Entry: Phase 1A - Southbound ITS Infrastructure Phase 1B - Northbound Potential Investments (Optional Phase) Phase 2 - Information Dissemination Phase 3 - Border-Wide System
7	LA	Los Angeles	I-710	Advanced Technology for Truck Corridors: Phase 1 - I-710 Corridor ZE/NZE Truck Deployment
7	LA	Los Angeles	I-710	Advanced Technology for Truck Corridors: Phase 2 - I-710 Corridor Electric Charging/Hydrogen Refueling Stations
8	RIV	Banning	I-10	Advanced Technology for Truck Corridors: Dynamic Truck Parking - I-10
8	SBD	Barstow	I-15	Advanced Technology for Truck Corridors: Dynamic Truck Parking - I-15
8	SBD	Barstow	I-40	Advanced Technology for Truck Corridors: Dynamic Truck Parking - I-40



BORDER FREIGHT PROJECTS

District	County	City	Route	Project Name
11	SD	San Diego	SR-11	State Route 11 - Segment 2A and 2B
11	SD	San Diego	SR-11	Otay Mesa East Port of Entry - Segment 3
11	SD	San Diego	Off System/SR-11	Siempre Viva Interchange and Commercial Vehicle Enforcement Facility - Segment 2B
11	IMP	Calexico	SR-7	Calexico East Port of Entry Truck Crossing Improvement
11	SD	San Diego	Off System	Intelligent Transportation System Technology
11	IMP	Calexico	SR-98	SR-98 Improvements



GRADE SEPARATION PROJECTS

District	County	City	Route	Project Name
4	ALA	Alameda	Off System	Central Avenue (City of Newark)
6	KER	Bakersfield	Off System	Renfro/Jenkins Roads/Reina
7	LA	Pico Rivera	Off System	Durfee Avenue in Pico Rivera (ACE)
7	LA	Los Angeles	Off System	Rosecrans/Marquardt Avenue (City of Santa Fe Springs, FASTLANE Cycle 1)
6	KER	Bakersfield	Off System	Kratzmeyer Road
6	KER	Bakersfield	Off System	Morning Drive



WHAT ARE THE RIGHT PROJECTS?

State and Local Plans



Freight Projects



Funding Programs

What type of projects should the State put forward?

How can we make California more competitive and sustainable?

How do we match the State's priorities to the available funding programs?

Data/criteria driven decisions?



Questions? Thank you!

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Division of Transportation Planning California Department of Transportation

